

METHOD AND APPARATUS FOR PERFORMING PLAN- BASED DIALOG

ABSTRACT OF THE DISCLOSURE

5 The present invention provides a dialog
system in which the subsystems are integrated under a
single technology model. In particular, each of the
sub-systems uses stochastic modeling to identify a
probability for its respective output. The combined
10 probabilities identify a most probable action to be
taken by the dialog system given the latest input from
the user and the past dialog states. An additional
aspect of the present invention is an embodiment in
which the sub-systems communicate with one another
15 through XML pages, thus allowing the sub-systems to be
distributed across a distributed network.